

** ALBANIA [non]. 5850, Friday January 22 at 2300 checking secret R. Tirana relay via WRMI: certainly not the same episode I heard 8 days ago and seems current rather than pre-Xmas. As always sign-on claims RT is heard ``only on internet`` refusing even to recognize this SW airtime, probably donated. Program previews: news, press review, profile. Caster is YL this time rather than OM. Signal very strong but also high local noise level, plus accent makes it hard to follow. Does mention date January 20, 2021 in connexion with something. 2307 so-called Press Review seems all about industrial and agricultural production statistics just like in the good-ole Stalinist days; also funding for a hydro power project with date mentioned January 27, 2021. 2313 into Profile of an opera singer born 24.1.35. His name mentioned once at the start and I could not catch it at all; they should at least spell names of such subjects for us ignorant listeners. Example played: him singing the tune which is also RT's theme song; identity and source of which we discussed in detail last year.

As for the Jan 14 show I heard before, Richard Lemke, St. Albert, Alberta, replies about that: ``Dear Glenn: WRMI, 5850 kHz, 2300 UT. After hearing the Mailbag Show on Radio Tirana on Jan 12, 13, 14, 15, Yes, I did hearing confirming the same program with mail from FL and how Albanians celebrate Christmas. According to information that I heard from Sheldon Harvey, the building on site has been demolished, is gone. I tried to send an e mail that got returned to me very fast. Richard Lemke, January 21, 2021`` (Glenn Hauser, OK, WOR)

** ALBANIA [non]. Re: Opera Singer profile on Radio Tirana 22/1/21...

``Glenn, As you said, this has been discussed previously but I'll mention again that the singer would be Gaqo Çako (pronounced GA-chyoh CHA-Koh). Passed away 1/8/18

RT's signature tune "Këputa një gjethe dafine" was his song that won the 1978 Festivali I Kënges (Song Festival). He was apparently a participant in 28 FIK's and won 3 times.

Regarding a building being demolished --- are we talking about the RTSH HQ in downtown Tirana? I walked past the facilities back in 2010 (just down the road from the still-intact former home of Enver Hoxha) and would not be surprised if it's being renovated. When I was there, Albania was a whole big construction site and Tirana's current mayor is keen on modernising the city. - Regards, BRIAN POWELL VK2XBP, Sydney, Australia``

``Hi, > Regarding a building being demolished: That's most likely about the old building of Radio Tirana (the station moved out of it in

1965). I believe the demolishing has nothing to do with the RTSH current building on Rruga Ismail Qemali.

<https://exit.al/en/2021/01/11/historic-radio-tirana-building-looks-set-to-be-demolished/>

73, Dmitry Mezin, Kazan/RUS``

``Thanks for the clarification, Dmitry! I was aware there was the old premises of RT and they were repurposed in the communist era but I assumed that would have been demolished long ago. Then again, I would have thought Enver's house would have been demolished, but it still stands right in the middle of the now-trendy Blloku neighbourhood. -- Regards, BRIAN POWELL, VK2XBP, Sydney, Australia`` (WOR iogroup via gh, WOR)

** ALBANIA [non]. 7780, Sat Jan 23 until 2300, R. Tirana theme via WRMI closing 2230 relay; and then immediately on 5850, R. Tirana theme opening 2300 relay after mixture with WRMI Spanish ID (Glenn Hauser, OK, WOR)

** ANGUILLA. 18125-USB, Jan 26 at 1557, a VP2 making quick contacts with US & Canadians, causing pileups, e.g., i.a. WBOX trying to get in repeatedly. Says he's making a list of callsigns and will get to them eventually, so take it easy; his own call is uttered fonetikally but so quickly and weakly that I can't be sure of it: VP2EH? A bit of whistling jamming. Finally at 1606 I hear him say he's Ira on Anguilla where it's raining. Searching finds VP2EH is someone else there, but a DX cluster now finds Ira as VP2EIH; the I got lost:

VP2EIH Anguilla flag Anguilla
IRA HARRIS
PO BOX 1206
THE VALLEY
Anguilla
<https://www.qrz.com/lookup/vp2eih>

He has some religious remarks there which make one wonder if he's involved with SW inactive The Caribbean Beacon, also in The Valley (Glenn Hauser, OK, WOR)

** BRAZIL. 11815+, Jan 22 at 0253, checking for something else at Pardinho SP SDR, I find splatter down past 11810, from this with music and Brazuguese talk, S9+15/25, in SynchAM mode displaying slight carrier offset+plus varying 10-12 Hz; and to the ear rather distorted. I.e. must be R. Brasil Central, Goiânia, active here but rarely detected direct (nor on 4985); perhaps with summer sporadic E boost. Distance 718 km = 446 statute miles (Glenn Hauser, OK, WOR)

** BRAZIL. 11905-11910-11915, Jan 23 at 0327, RNA DRM via Bonaire SDR with S/N only 7.4 to 8.4 dB but good decode, mostly music. Displays Service 1 as ``AAC(A2B000) Brasil DRM Exp EEP Data 12.46 kbps``; and Service 2 as ``(A2B001) DRM Journaline EEP Data 2.30 kbps`` with a few rotating one-line headlines displayed, such as about COVID in Amazonas; 0348 now S5-S6, S/N 11.9 dB, 12.46 kbps with solid tho lofi copy, voice ID ``Nacional FM 96.1, música brasileira em primeiro lugar`` (Glenn Hauser, OK, WOR)

** BRAZIL. 11905-11910-11915, Jan 25 at 0445, checking RNA DRM into TWR Bonaire SDR: ``Madrugada Nacional 96.1`` ID and romantic music, partly in English, ``Kiss Me, Baby`` at 0454. Frequent ID breaks between tunes. SN 16.7 dB, 12.46 kbps with ``perfect`` reception tho fi not so hi; also with Service 2 Journaline one-line headline rotation mostly concerning COVID; but no mentions of Bolsonaro (Glenn Hauser, OK, WOR)

** BRAZIL. 11905-11910-11915-DRM, Jan 27 at 0110, Nacional FM with mostly music, via TWR Bonaire KiwiSDR, SNR fluxuating 9-10 dB, which is not quite enough to avoid dropouts and skips at 12.46 kbps; 0130-0135 break for interview about music to follow, now worsening circa 9, 0140 classical flute/violin/guitar; \$tereo would be nice, but too taxing on DRM bandwith, can't even maintain solid modul in mono. But the one-line Journaline news headlines rotating come thru unscathed at 2.30 kbps. I was trying to show a few, but altho hilited they will not copy (Glenn Hauser, OK, WOR)

** BRAZIL. 15190.046, at 2250, JBA in presumed Portuguese, R. Inconfidência, Belo Horizonte, signature off-frequency reported by others but seldom detected here. Also a het from something further askew, approx. 15190.735, possibly a local birdie. An overlooked log note, not sure from Jan 24 or 25 (Glenn Hauser, OK, Jan 26, WOR)

** CANADA. Re: ``274-MCW, Jan 20 at 0737 UT, dash and YPM, 25-watt NDB from upnorth Pilangikum, Ontario, still in Hepburn list in red as ``back on``. Distance is 1741 km = 1082 stmi, or 43.28 watts per mile.`` --- Should have read miles per watt, tnx to Richard Line in MI for catching that (Glenn Hauser, OK, WOR)

** CANADA. Re: ``U S A. 286-MCW kHz, Jan 20 at 0735 UT, ND beacon .-.-/... --- what??? .-.- is not a Roman letter but Russian ``ya``. I listen again and again, and that's what it sounds like, tuned to 284-USB. But this must be on 286, EKS in Ennis, Montana, heard without a pause between dit for E and dah-dit-dah for K! Classaxe shows no note about any such error``

Harold Frodge, MI, replies: ``No mystery --- 284 QD 0.4 The Pas MB, Le Pas A/P; 01 Nov (DT), 06 Dec (KZ) [Has misskeyed as .-.-/...]``

Then I find this in classaxe.com about QD 284: ``Most often miskeys with the first dash in each character replaced with a dot. Sounds like AA S. 15Feb2020``

But not always: I have also heard correct QD. This seems about as convoluted an explanation as mine of another station lacking a pause between two letters. But pinning down the frequency to 284 implies it's QD --- and what I heard did have a dash, overlooked in my original report, so it's Canadian (Glenn Hauser, OK, WOR)

** CANADA. 284-MCW kHz, Jan 23 at 0712 UT, ND beacon QD with dash, in The Pas, Manitoba, except it's totally miskeyed as ``ЯС`` -- Cyrillic; the Russians are coming!2 .-.-/... as previously explained (Glenn Hauser, OK, WOR)

** CANADA. 290-MCW kHz, Jan 22 at 0726 UT, dash and QR, 100-watt ND beacon at Regina, Saskatchewan. This area of LW is often blocked by local noise blob peak (Glenn Hauser, OK, WOR)

** CANADA. 392-MCW kHz, Jan 27 at 0734 UT, dash and ML, 500-watt NDB at La Malbaie / Charlevoix, in far Québec, down the SL Seaway beyond Quebec city almost to Rivière-du-Loup. Again, not to be confused with unheard *no* dash and ML on 392 which is 25 watts in Monroe, Louisiane (Glenn Hauser, OK) See also USA for more logs this session

** CHINA. 9155, Jan 23 at 0745, assertive YL in Chinese at S5-S9, // weaker S3-S5 9280, both CNR1 jamming frequencies against Sound of Hope (Glenn Hauser, OK, WOR) See also TAIWAN [non]

** CHINA. 13530, Jan 24 at 1458, JBA fluttery carrier until 1500*, no doubt CNR1 jammer against SOH starting to repropagate; but none heard just above or below 13000 yet; however, a weak open carrier at 13001 (Glenn Hauser, OK, WOR)

** CHINA. 6900, Jan 25 at 2353, JBA carrier with flutter, presumed CNR1 jammer against a listed Sound of Hope frequency; with 2-way Spanish QRM on LSB only, a major frequency for that (Glenn Hauser, OK, WOR)

** CHINA. 6850, Jan 26 at 2357, JBA S5-S6 talk sounds Chinese, presumed CNR1 jammer against another listed SOH frequency; however there are two signals, at least one of which is slightly on the minus side. Cuts off a few seconds before 2400* like CNR1 but before the timesignal (Glenn Hauser, OK, WOR)

** COLOMBIA [and non]. 600 kHz, Jan 27 at 2359, via TWR Bonaire SDR, checking for the VOA relay via Radio Libertad, HJHJ, Barranquilla,

about which little has been seen since first report last September 19, of this way to get into hostile Venezuela without using any SW.

Nothing about this in WRTM 2021 under Colombia, pp 163/165, but VOA Spanish under USA, page 507 shows -- only -- 600-hjh site at 00-02 Sat/Sun, 00-03 M-F. QRM from piano riffs likely Rebelde/Cuba, but dominant is Spanish news, mentions ``Buenos Dias``, so maybe still replaying podcast of morning edition.

No ID for HJHJ at ToH, but 0101 switch to different W&M casters with news about USA and COVID; ID in passing as ``La Voz de América``. A Venezuelan MW transmitter was supposedly pressed into service to jam this, also about which nothing further has been reported, but if VOA/HJHJ get into Bonaire, probably also into Caracas (Glenn Hauser, OK, WOR)

** COLOMBIA. 600, Jan 27 at 0105, continued log of VOA Spanish via HJHJ, Barranquilla: ``Enlace Internacional`` now the program name, but taking a pause for some music; via Bonaire SDR (Glenn Hauser, OK, WOR)

** CUBA. 9700, Jan 21 at 0126, RHC English only S6-S9 direct, but:

5040, Jan 21 at 0127, RHC off or below noise level here; 0135 checking Bonaire SDR, only a JBA carrier, could be India? While 5025 Rebelde is good. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13634, 13569, 13769, 13838 all approx., Jan 21 at 1443, extremely distorted spurblobs out of RHC 13700-AM. Something's always wrong at RHC.

13739.796, Jan 21 at 1445, the other RHC 22m frequency bears the transmitter off-frequency from 13740.00. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13629 & 13770 approx., Jan 22 at 1452, just traces of spurblobs from RHC 13700; something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13508 vs CODAR, 13572 S6, 13636 S9+20, 13766 S9, 13831 S7-S9, 13896 S2, 13964 trace, all approx., spurblobs out of 13700-AM RHC which is S9+20, mostly music at 1535 Jan 23. Closer ones quite readable in FM or AM modes with F# tone, totally unreadable in SSB; wide but intervals of approx. 65 kHz; peters out just in time not to show above 14000 in hamband. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 11850, Jan 23 at 2313, RHC S9/+25 but quite undermodulated.

With that much S, usual parasitic spurs should be detectable as JBA carriers on 11840 & 11860, but they are not. 11850 transmitter finally fixed, or swapped to another one? Something's always wrong at RHC. Checking whether on 11805 instead, per this earlier report:

`11805. RHC. Enero 20. 0122-0128 UTC. Durante el momento escuchado se habla del Coronavirus en Cuba. 55555. Se nota que es el transmisor de la frecuencia de 11850 por la potencia. ¿Cambio de frecuencia para evitar otras interferencias de emisoras chinas? (Claudio Galaz, Receptor: TIVDIO V-111; Antena: Hilo largo de 50 metros, Lugar de escucha: Barraza Bajo, IV Región, Chile)` --- I guess that was a keypad punchup error (Glenn Hauser, OK, WOR)

** CUBA. 5040, Jan 24 at 0145, this RHC is off; but back on in Spanish at 0213 check. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13766 approx., Jan 24 at 1453, RHC with Marta Rios about propagation, so 'En Contacto' reading Arnie script must be running late beyond 1450's 'En Compañía del Doctor'. Anyhow, 13700-AM is putting out lots of spurblobs but not in the usual pattern. For a change there are no F# tones with them! Rather low-pitched hums, best audible in FM mode, not AM. They are quite diffuse and harder than usual to guess a center frequency. First one is +66 kHz, paired with -63 kHz circa 13637, but there are others at mid-intervals: 13668 with no mod, 13605 vs residual jamming, 13576; 13729, 13795, 13828, 13887, 13949. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13841 approx., Jan 25 around 1500 --- my logpen failed to ink at first --- F# tone signature of RHC spurblob, too close to the BS on 13845-AM WWCR; then finding lots of others, back to ``normal`` pattern of circa plus/minus 69 kHz multiples from 13700-AM: 13769 S8, 13631, 13562, 13494 S4 vs CODAR, 13426 trace; 13908, 13976; and 14045 F# trace. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 11820, Jan 26 at 0303, CRI news in English, S9+20! This is of course harmonic, 2×5910 where same is S9+40/50. Have not noticed this one before: harmonic suppression/filtering must be turned off; deliberately? Could it be just receiver overload? No, not on the R75; and recheck at 0420 in Yue/Cantonense, via the KB0FX SDR, also barreling into M0, S9+15/20 vs 5910 at S9+25/35. Something's always wrong at RadioCuba.

If one multiple is radiating, so may be others. Next up is $17730 = 3 \times 5910$, and by golly, KB0FX is detecting a JBA carrier there. Of course no such propagation expected at night, no matter how much power goes into it. But there's a chance of HF sporadic E boost before we get too far past the midwinter subpeak; also: $4 \times 5910 = 23640$, and $5 \times 5910 =$

29550. Would not hurt also to check those between 03 and 05. 5910 is supposedly 250 kW at 305 degrees across the USA, accounting for its extreme strength thisaway.

Meanwhile direct, back at 0305, checking other 25m Cubans. RHC Spanish on 11850 is S9+10/20 but quite suptorted and still lacking any plus/minus 10 kHz spurs. 11760 is S9+20/30 of dead air; 11670 is S9+10/20 with good modulation. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 11820, Jan 27 at 0344, maybe a JBA carrier; what a difference a day make. Last night there was a bigsig here from CRI relay, 2 x 5910. Propagation is now degraded, as RHC fundamentals on 25m are also JBA carriers on 11850, 11670. 25m is almost dead; and even 31m also bears little with Cuba & USA signals very weak. K-index at 03 was 3. BTW, earlier when CRI was on 5990, checked x 2 = 11980 where it sometimes harmonizes but not this time. Something's always wrong at RadioCuba (Glenn Hauser, OK, WOR)

** CUBA. 13833, 13766, 13635, 13569 approx., Jan 26 at 1459, spurblobs with F# tone from 13700-AM, 65-67 kHz intervals. Wolfgang Bueschel reported on nominal RHC frequencies a few minutes earlier at 1430 as heard by remotes, but nothing about these. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13838, 13770, 13632 S8-S9, 13564, 13492, 13420; 13905, 13974, all approx., Jan 27 at 1455-1500, extremely distorted and broad spurblobs from RHC 13700-AM; all with F# tone, and the closer ones almost clear in FM reception mode; 68-72 kHz intervals. Something's always wrong at RHC (Glenn Hauser, OK, WOR)

** ERITREA [non]. 17545.065V, it's Wednesday Jan 27 at 1534, so time for another check of Bayto Yaikl, the RMI-brokered clandestine via Issoudun, FRANCE, S5-S9, talk in local language. It's the very last entry at the bottom of the WRMI skedgrid as ``Bayto Yaikl L`` -- what's the L for? still claiming it's only on Day 6 = Saturday despite having added Day 3 several weeks ago. As usual, the frequency is audibly wavering slightly, making it difficult to nail to the 3rd decimal place (Glenn Hauser, OK, WOR)

** FRANCE. 5870-5875-5880, Jan 26 circa 2350, DRM noise still here, i.e. the tests of TDF with RFI programming. Then just in on the WOR iog, a reply that Jean-Michel Aubier got from TDF to an inquiry forwarded from Wolfgang Büschel; in translation:

``Hello, Since January 1, we have been carrying out new DRM tests from our Issoudun distribution center. These tests are initiated by TDF as part of our DRMCast project.

DRMCast is a SW receiver that we have developed on our own funds which makes it possible to locally rebroadcast DRM content over wifi. Through this gateway-type interface, any smartphone or tablet-type receiver is thus capable of receiving sound, text and images broadcast in DRM.

The first tests were carried out on the Minitransat in 2019 with a race report for boats crossing the Atlantic. We are not far enough advanced to date to address Vendée Globale type races, but the Maritime world is a track that we are considering for DRMCast.

For the time being, we have four 30-minute broadcasting slots with RFI world programs and some associated data:

13:00-13:30 11735
15:00-15:30 9905
17:30-18:00 9905
23:30-00:00 5875

These slots are likely to change in the days / weeks to come. These are tests to continue our development, we are not communicating at the moment`` (Glenn Hauser, OK, WOR)

** GERMANY [non]. 15350, Jan 23 at 1550, S5-S6, rapid clickbeepery, signature of that defective Issoudun, FRANCE transmitter, also talk in presumed Hausa during DW's Saturday-only silly-ballgame service, except does not sound like play-by-play; no crowd noise because being played without an audience? Also // 15195 slightly stronger with no beepclix. Both nominally 500 kW, only 7 degrees apart, 172 and 165 azimuths respectively (Glenn Hauser, OK, WOR)

** GUAM. 15215, Jan 23 at 2317, VP talk S3-S5, as KSDA scheduled this hour in Chinese; slightly stronger 15330 would be KSDA in Vietnamese (Glenn Hauser, OK, WOR)

** GUINEA [and non]. 9650, Jan 23 at 0742, S7-S9 French talk atop some music, i.e. sporadically active RTG, vs North Korea's multihour Japanese service starting at 0700. Guinea should be in clear from its *0600 after Cuban 0500* (Glenn Hauser, OK, WOR)

** JAPAN. 6115, Jan 22 at 0715, song at S9+10/20, seems too strong for R. Nikkei, let alone Congo; quite a bit stronger than the other JOZ, S9+10 on 6055. Fleeting thought, maybe RHC jumped off frequency? 0719 song, ``Love Was Made For Me And You``, letter by letter in English and then announcement sounds Japanesish English; no J signals yet on 75m to compare vs hams. But must be Nikkei (Glenn Hauser, OK, WOR)

** KOREA SOUTH. Re the 3+1 pips I heard at strange time of 1344 Jan 19 on 1566 kHz, ``One of the clubs has compiled a timesignal reference but I have not found it again (Glenn Hauser, OK, WOR)``

Richard Langley replies on the WOR iog: ``It is attached. See FEBC in the list. You're welcome. -- Richard Langley``

And thank you. I see there are some others with 3+1, altho FEBC appears to be the only one that fits on 1566; e.g. there are no NHKs at all on 1566 per WRTH. I'm really quite sure that's it, but curious if others have noticed the pips at odd times like transmission changes (Glenn Hauser, OK, WOR)

** KOREA SOUTH. 1566, Jan 24 at 1342, awake just in time to check on the longwire, JBA carrier surely from FEBC, and at 1344 near-imagination-level 3+1 timepips as definitely heard before when their antenna is switching from N Korea to China heading. Of course I could easily confirm this via remotes, if I were ever up and running computer by now. The winter window for direct reception is steadily closing, as our sunrise earlies, 1338 today (Glenn Hauser, OK, WOR)

** KUWAIT. Re my report of 1548 kHz, Radio Sawa, and tonight's JBA carrier search: In connexion with the shakeups at USAGM stations, this story <https://www.politico.com/news/2021/01/22/biden-victoria-coates-anonymous-461532> mentions ``The relaunch of Radio Sawa Wednesday night was followed by an outage Thursday morning when the network went off the air.`` (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 4055-USB, Jan 24 at 0148 rock music at S9+10, 0152 Wolverine Radio ID and another tune. First time I've heard it on 74m; 0214 recheck in SSTV beepery, pulse rate 144/min = 2.4 per second, like the other one, and off. But during last part of SSTV and continuing, also hearing some much weaker JBA talk and music also on 4055-USB, when in clear at S6 = the noise level. One HFU reporter, raypfaff, also noticed: ``Off after that? I can hear something in the background, but much lower signal than before.`` Another pirate?

Not TGAV; for a split second when first tuned, I had suspected Radio Verdad was repaired from Guatemala -- but not with rock in English and no LSB! Use it or lose it; has Dr Madrid given up? Many more logs of Wolverine:

<https://www.hfunderground.com/board/index.php/topic,77152.0.html>
(Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6925-USB, Jan 23 at 2305, pirate with torch song, S9+5/20, then rapid Latin instrumental tune; 2324 recheck is off. Several logs here as Goat Cheese Radio, by Zeke(y):

<https://www.hfunderground.com/board/index.php/topic,77144.0.html>
(Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6930-USB, Jan 25 at 0006, VP S3-S4 of dense low music. Mushy reduced carrier? These logs say it's Mushroom Radio:
<https://www.hfunderground.com/board/index.php/topic,77218.0.html>
(Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6935-USB, Jan 22 at 2157, rock music past 2200, fair signal; 2205 synth1 ID for Radio Nova and address radionova2020@gmail.com; more music none recognized; 2221 ID; 2224 loon? calls mixed with voice ID by synthom, modulated Morse code RADIO NOVA, ID again, 2226 repeat loons and MCW ID; 2227 occasional bird/nature calls, about to go off? No, one more voice ID at 2228 and SSTV beepery until 2230* seems really finished. SSTV pulsing was at rate of about 144/minute, or 2.4 per second -- restarting each scan line? More reports and images here, none of them sharp:
<https://www.hfunderground.com/board/index.php/topic,77084.0.html>
(Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6935-USB, Jan 22 at 2157-2230*, e-QSL from RADIO NOVA received 5 minutes after they must have seen my last log report posted; fortunately, since I had their email address wrong and had not yet sent directly to them; it's radionovausa2020@gmail.com
Illustration on QSL is same as on SSTV closing image, but what is it? Thanks! It's now #109 in my QSL gallery:
<http://www.worldofradio.com/QSL.html>
in addition to previous Radio Novas #89 and #94, also on 6935-USB
(Glenn Hauser, OK, WOR)

UNIDENTIFIED. 1550, Jan 26 at 0316 UT, ESPN Radio promos dominant for a while; whence? NRC AM Log shows surprisingly few affiliates among the 54 US stations on 1550, most of them with peanut power at night; in deference to CBEF? In fact, barring any affiliate changes since it was printed, the only two possibilities are KICS Hastings, Nebraska, 27 watts; and KYAL, Sapulpa OK, 40 watts; and my E-W antenna is pointed toward the latter but is hardly deaf to the north. KYAL pattern favors the ESE while KICS is ND (Glenn Hauser, Enid OK, WOR)

** OKLAHOMA. 1550, Jan 27 at 0255 UT, another check of my unID ESPN station, whether it's KICS Nebraska or KYAL in Sapulpa: string of ESPN promos; no ID at 2 minutes before the hour when I thought there was a hole in that network; but just before 0300: mentions Tulsa FM translator-style call, and 'The Sports Animal', which is the silly-ballgame subnetwork in OK. The real KYAL-FM is down in Muskogee on 97.1.

NRC AM Log does not have an FM frequency for it; on 1550, U4 2500/40

watts. Far be it from me to suggest the C-word that they might be on more than 40 watts these nights, near be it to me, only 164 km = 102 stmi city to city from that SW Tulsa suburb. Radio-locator shows 1550 site is axually just north of Sapulpa, night and day patterns with a notch to the NW, but a fair lobe to the west, but the distant night contour only goes about 20 miles.

However, with 100 kW, 97.1 is branded as Tulsa, and website fine print also claims 96.1 Vinita, 101.1 Bartlesville. WTFDA database says 97.1 is // 96.1 KITO which is 50 kW in Vinita. But no 101.1 in Bartlesville: in that market T.S.A. is on 99.1 and 1500 KPGM. Of the three 101.1s in OK, none near B'ville. How about nearby KS? Nor. Maybe KYAL's 101.1 in BV be a pirate?

Wait: a big graphic on website equates ESPN Tulsa on 1550 AM and 99.9 FM! What's that? WTFDA shows K260CR // KYAL-1550, ``Sapula`` which is of course a 250-watt translator a bit far from central Tulsa.

But wait! There's more: on this page:

<http://sportsanimalradio.com/animal-lineup/>
which is underlain with ``The Sports Animal Tulsa - 97.1 Tulsa and 96.1 Grand Lake (sportsanimalradio.com)`` And overtly says this: ``The Sports Animal-Tulsa programming is aired on 97.1 FM (Muskogee/Tulsa), 96.1 FM (Vinita), AM 1470 (Vinita) & 101.1 FM (Caney, Kansas).`` So that explains the 101.1 ``Bartlesville``? Caney is 29 km = 18 stmi = 15 nautical miles north of B'ville, just across the KS border. But WTFDA db has 101.1 there as KE0J, Contemporary Christian, 6/6 kW. And above adds yet another outlet, 1470 which is 500/88 watt KGND as in ``Grand``.

Well, that's the scoop despite my total disinterest in such silly sports programming. BTW, in DX research I have run across some other sports stations with cheesecake photo pages, but apparently not this one; no redeeming value (Glenn Hauser, Enid, WOR)

** PERU. 4810, Jan 24 at 0147, JBA carrier, which is the best we can expect from Radio Chazuta, reported still active, vs the huge STANAG blob mostly on the plus side. There is also weaker CODAR audible both on USB and LSB (Glenn Hauser, OK, WOR)

** SPAIN. 9690, Monday January 25 at 2300-2330, REE in English, VG and no need to check for the //s. All about recent US history with some soundbites: Alison Hughes narrating a report on the insurrexion upon the Capitol by treacherous traitorous treasonous Trump terrorists - as I call them; including her rather startling cynical remark, paraphrased but close: `Due to travel restrixions, the US had to stage a domestic coup`.

Then over to Justin Coe for a report about the Inauguration; managed to find a Spanish angle, as the Youth Poet Laureate, Amanda Gorman, had spent several months studying in Spain, especially about García Lorca. Closed with some music right up to BoH TS (Glenn Hauser, OK, WOR)

** TAIWAN [non]. Freedom Synergy Radio, the pro-Taiwan program via WRMI appears to be connected to the wacko Falun Gong cult; an item on WRMI FB about FSR link to a long article in the FG's Epoch Times; the same Trumper folk responsible for Sound of Hope and provoking huge jamming network (Glenn Hauser, OK, WOR) See also USA: WRMI

** TIBET [non]. 12125, Jan 24 at 1544, JBA tonal talk at S9; strike me as an unusual frequency, but now Aoki-scheduled this hour only as CNR1 jammer and/or RFA Tibetan via TINIAN, NMI (Glenn Hauser, OK, WOR)

** U S A. 397-MCW, Jan 27 at 0331 UT, ND beacon CIT. Or so it sounds, JBA, but on 397, dxinfocentre.com shows no CIT, rather a CIN in Carroll, Iowa, decommissioned; and CIR, Cairo, Illinois, both 25 watts. While the more detailed RNA Signal List (classaxe.com) says of CIR: ``20181130 - Bill Stewart reports a 'hic-up' on the 'R'. Often sounds like CIN``. At 0518 I check it again, but it's JBA to NAAA = not audible at all. Now I am hearing only two letters, CI. But seems like it's CIR having even more trouble uttering its third letter (Glenn Hauser, OK, WOR)

** U S A. 397-MCW kHz, Jan 27 at 0725 UT, further checking of this anomaly ND beacon, evidently CIR in Cairo (Kay-roh), Illinois. Now the third letter sounds more like N -. than R ._. --- but there is not a clear space between the dash and dot, making it more like a T, single dash, as it seemed to sound in my previous log.

388-MCW kHz, Jan 27 at 0731 UT, mixture of two NDBs copied as OD and BR. BR would really be on 390, 25 watts at Burlington, Iowa - Burns, but there is no OD listed anywhere around here: maybe really OK in Okmulgee - Preston, OK on 388.

404-MCW kHz, Jan 27 at 0736 UT, XCR, 25-watt NDB at Little Falls / Camp Ripley, Minnesota; I was tuned to 402-USB.

412-MCW kHz, Jan 27 at 0737 UT, CMY, 30-watt NDB at Sparta / Fort McCoy, Wisconsin; I was tuned to 410-USB.

426-MCW kHz, Jan 27 at 0738 UT, UV, 25-watt NDB at Oxford / Tunng, Mississippi; I was tuned to 424-USB (Glenn Hauser, OK, WOR)

** U S A. 4724-USB, Jan 24 at 0730, US military crypto message with always self-imposed heavy reverb/echo; also with continuous

whine/siren noise, pitch varying very slightly; message header repeated several times fonetikaly: VOFJ3G; brief ``stand by``s and transmission breaks. Usually IDs as ``Andrews``, I think, but not positive I heard that this time. Or is it a different tactical ID each time? See a previous report:

``4724-USB // 8992-USB, Feb 9 {2019} at 0041, US military crypto alphanumeric fonetik string with usual reverb and clix between characters. EiBi calls these ``US Air Force Messages``, on six frequencies all available 24 hours, the others being 6739, 11175, 13200 and 15016. But where are they, really? And are they significant or mere exercise? (Glenn Hauser, OK, DX LISTENING DIGEST)`` (Glenn Hauser, OK, WOR)

** U S A. 11720, Jan 26 at 2112, VOA-One with Afro?rock, split-second dropout of modulation, or is it also a break in carrier? S-meter also seems to dip. I have noticed such often before on this Grimesland transmitter. Switch to off-tuned SSB but no breaks detected in next couple minutes. Needs further checking; watching waterfall should make it more obvious; on air 21-22 UT only (Glenn Hauser, OK, WOR)

** U S A [non]. VOA Spanish MW relay: see COLOMBIA

** U S A. WORLD OF RADIO 2069 monitoring: confirmed Wednesday January 20 at 2100 on WRMI 7780, S7-S9 to UTwente SDR.

Also confirmed Wed Jan 20 from 2200:20 on WBCQ 7490.189v, S8-S9 direct. Briefly some 2-way SSB QRM around 2102.

Missed checking Wed Jan 20 at 2300 on WRMI 9955; anyone hear it?

Confirmed UT Thu Jan 21 at 0130 on WRMI 5010, S9/+10 to Bonaire SDR. JBA carrier here vs S9+10 high noise level.

New WOR 2070 should be ready by early UT Jan 22 for first airings Friday at 0130 on WRMIs 5850, 7780 (Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2070 contents: Albania non, Ascension, Brasil, Canada, Chile, Cuba, Egypt, Eritrea, France, Germany, India, Korea South, Kurdistan non, Kuwait, Madagascar, Myanmar, New Zealand, Perú, Scotland non, Solomon Islands, Spain, Turkey, UK, USA, Vanuatu, Venezuela, Zambia; DX on 2 MHz band; and the propagation outlook [regret some editing upcuts; in too big a hurry]

WOR 2070 is available as of 0206 UT Friday January 22, 2021
(mp3 stream) <http://www.w4uvh.net/wor2070.m3u>
(mp3 download) <http://www.w4uvh.net/wor2070.mp3>

Or via <http://www.worldofradio.com/audiomid.html>
Also link to podcast services.

The shortwave broadcasts should be:

0130 UT Friday WRMi 5850 to NW, 7780 to NE [confirmed]
1300 UT Saturday WRMi 15770 to NE
2030vUT Saturday WA0RCR 1860-AM
2230 UT Saturday WRMi 9955 [jammed?] to SSE
2300 UT Saturday WRMi 7780 to NE
0400vUT Sunday WA0RCR 1860-AM [nominal 0415; as late as 0500]
2300vUT Sunday WBCQ 6160v Area 51 to WSW
0030 UT Monday WRMi 7730 to WNW
0230 UT Monday WRMi 7780 to NE, 5800 to SSE
1900vUT Monday IRRS 7290 Bulgaria to WNW, 594-Italy
1030 UT Wednesday WRMi 5850 to NW
2100 UT Wednesday WRMi 7780 to NE
2200 UT Wednesday WBCQ 7490v to WSW
2300 UT Wednesday WRMi 9955 [jammed?] to SSE
0130 UT Thursday WRMi 5010 to S

Full schedule including AM, FM, webcasts, satellite, podcasts:
<http://www.worldofradio.com/radioskd.html>

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thanks this week to anonymous, for a contribution via PayPal to
woradio at yahoo.com and commenting: ``My usual anonymous seasonal
donation to your always informative broadcast!``

One may also contribute by MO or check in US\$ on a US bank to
Glenn Hauser, P O Box 1684, Enid OK 73702 USA

Confirmed first broadcast UT Friday January 22 at 0130 on WRMIs: 5850
S9+20 VG direct except high local noise level is also S9+20! It goes
off at 0147 but back on after a few minutes; and 7780 poor but audible
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2070 monitoring: dozed thru Sat
1300 on WRMi 15770; did anyone hear it? Next:

2030vUT Saturday WA0RCR 1860-AM
2230 UT Saturday WRMi 9955 [jammed?] to SSE [new]
2300 UT Saturday WRMi 7780 to NE
0400vUT Sunday WA0RCR 1860-AM [nominal 0415; as late as 0500]
2300vUT Sunday WBCQ 6160v Area 51 to WSW
0030 UT Monday WRMi 7730 to WNW
0230 UT Monday WRMi 7780 to NE, 5800 to SSE
1900vUT Monday IRRS 7290 Bulgaria to WNW, 594-Italy

1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2200 UT Wednesday WBCQ 7490v to WSW
2300 UT Wednesday WRMI 9955 [jammed?] to SSE
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2070 monitoring: confirmed Saturday January 23 from 2036 on WA0RCR, 1860-AM, MO, VG via local Kiwi pickup.

Also confirmed Sat Jan 23 at 2230 on WRMI 9955, good/sufficient on DX-398 portable with whip; some lite jamming audible under by the end.

Also confirmed Sat Jan 23 at 2300 on WRMI 7780, S3-S5.

Also confirmed UT Sun Jan 24 from 0424 on WA0RCR, 1860-AM, The Gateway 160 Radio Newsletter, VG via KB0FX SDR nearby. Next:

2300vUT Sunday WBCQ 6160v Area 51 to WSW
0030 UT Monday WRMI 7730 to WNW
0230 UT Monday WRMI 7780 to NE, 5800 to SSE
1900vUT Monday IRRS 7290 Bulgaria to WNW, 594-Italy
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2200 UT Wednesday WBCQ 7490v to WSW
2300 UT Wednesday WRMI 9955 [jammed?] to SSE
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2070 monitoring: Larry Will posted to WOR iog at 0600 UT Jan 24: ``1/24, 0555, 6160am. World of Radio 2070, impromptu broadcast, s15/s20, very good here in Maryland.``

Tnx; yes, on WBCQ A51 webcast, but unheard on KB0FX SDR in MO, nor on Alexandria VA SDR close to Larry --- JBA carrier of something at best by the time I check it at 0609 midpoint of WOR; maybe not on air by then? Next:

2300vUT Sunday WBCQ 6160v Area 51 to WSW
0030 UT Monday WRMI 7730 to WNW
0230 UT Monday WRMI 7780 to NE, 5800 to SSE
1900vUT Monday IRRS 7290 Bulgaria to WNW, 594-Italy
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2200 UT Wednesday WBCQ 7490v to WSW
2300 UT Wednesday WRMI 9955 [jammed?] to SSE

0130 UT Thursday WRMi 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2070 monitoring: confirmed Sunday January 24 from 2300:05 on Area 51 via WBCQ 6159.934, S8-S9; ending at 2329:05 barely not cut off. Stood by earlier to hear carrier with WBCQ IS & ID loop cut on at *2256:08, no ID or s/on but a bit of music from 2259:45 before WOR start.

Also confirmed UT Monday January 25 at 0043 the 0030 on WRMi 7730, VG S9+30/40 direct.

Also confirmed UT Monday January 25 at 0230 on WRMIs: 7780, S9+5/15 via UTwente; 5800, S9+10/25 via Bonaire SDR; and WRN web/satcast

Also confirmed Monday January 25 from 1900:49 on IRRS 7290 via Bulgaria, via UTwente SDR usual bilateral splasher from 7280 Vietnam and 7295 East Turkistan, standard denunciation, inevitable but WOR still readable if you upput. 29 minutes later ending with pause rather than upcut before ID and more FSN. For timings this time also via UTwente, as Alan Gale suggested, I compare with MSF on 60 kHz and DCF77 on 77.5, with a clearer minute-marker on the former, hardly any internet delay compared to WWV direct. Next:

1030 UT Wednesday WRMi 5850 to NW
2100 UT Wednesday WRMi 7780 to NE
2200 UT Wednesday WBCQ 7490v to WSW
2300 UT Wednesday WRMi 9955 [jammed?] to SSE
0130 UT Thursday WRMi 5010 to S
(Glenn Hauser, OK, WOR)

** U S A. WORLD OF RADIO 2070 monitoring: confirmed Wednesday January 27 at 1050 check, the 1030 on WRMi 5850, VG.
{Richard Lemke, Alberta, also woke up and confirmed it.} Next:

2100 UT Wednesday WRMi 7780 to NE {confirmed}
2200 UT Wednesday WBCQ 7490v to WSW {confirmed}
2300 UT Wednesday WRMi 9955 [jammed?] to SSE {confirmed}
0130 UT Thursday WRMi 5010 to S {confirmed}

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One may also contribute by MO or check in US\$ on a US bank to

Glenn Hauser, P O Box 1684, Enid OK 73702 USA.

Next WOR 2071 should be ready for first broadcast UT Friday Jan 29 at 0130 on WRMI's 5850, 7780 (Glenn Hauser, OK, WOR)

** U S A. (6159.93v), Jan 24 at 0302-0401, via A51 WBCQ webcast, 'Texas Radio Shortwave' special, good rock music and the synthetic DJ voice of Cap'n Ric himself with patrician/Britishish accent, hardly piratical. Didn't get any notes as at same time I have to listen to 'Weekend Ra-dio' on WCLV webcast during same hour, and multitaskingly compile this report (Glenn Hauser, OK, WOR)

** U S A. 5800, Jan 26 at 0341 quick check of WRMI whether 'Freedom Synergy Radio' remains: yes, and someone from Epoch Times is conducting an anti-China interview. So it's quite clear that the Falun Gong cult is heavily involved, if not running FSR; i.e. the same who bring us Sound of Hope and ChiCom jamming. Even so, the FG do not deserve to be persecuted, organs harvested and genocided inside China as alleged. Beware of Epoch Times' disgraced Trumpist ads cropping up on the web. They should stick to anti-ChiCom stuff with which we might agree rather than messing in US politix, such as:

<https://apnews.com/article/fact-checking-afs:Content:9900544617>

(Glenn Hauser, OK, WOR) WRMI: See also UNIDENTIFIED 5750

** U S A. 9455, Jan 26 at 1551, surprise, Brother HyStairical is back here, no doubt WRMI reactivated --- but it's not the #8 transmitter which a few weeks ago moved everything 24h to 5950, because 5950 is also still on weaker with BS. Per skedgrid at this hour, only two transmitters are unaccounted for, #2 which was limited to 5985 at night, 222 degrees; and #4 as ``11710'', 160 degrees, without any hours and which has never been heard anywhen. 9455 is never shown. Rather, 5 of them are scheduled Sabbathdays only for TOMBS. It would be remarkable -- and a big load on the grid? if all 14 or even 13 were ever on air at once.

Quick check before 1600 finds TOMBS also on WRMI 9395, 9955; WWCR 9980 and surely others. There can never be enough of The Overkiller! 1750, 9955 is off as scheduled, 9455 still on // 9395 both with robotic preaching. 9455 weaker as it was before compared to 9395 when both were allegedly 355 degrees, wasteful when duplicated.

WRMI on 9455, if again 24h, conflicts with USAGM from Kuwait, Saipan, of course provoking, ChiCom jamming, even Firedragon; China, Bangladesh (ha ha), JIC MIC Japan, Saudi Arabia (mostly wooden?); none of this a problem at HFCC? (Glenn Hauser, OK, WOR)

** U S A. 9455, Jan 26 at 2120, this reactivated WRMI is still on and now not // 9395. Still no sign of 9455 on the skedgrid at 0200 Jan 27

(Glenn Hauser, OK, WOR)

** U S A [and non]. 9455, Jan 27 at 1504, checking for WRMI as reactivated here yesterday, but not on now, only a JBA carrier, presumably CRI Chinese via Kunming as scheduled this hour only; while 9395 WRMI BS is S8. But recheck at 1532, now 9455 is on with TOMBS at S9-S7, quite weaker than // 9395 S9/+10.

The skedgrid at <http://www.tinyurl.com/WRMIgrid> still has not been updated beyond January 15, showing WRMI-5 as on 4980 24 hours; but I noticed no signal from 4980 last night. Ivo Ivanov concludes that's the transmitter now on 9455; and if on same antenna it would be 285 degrees, same as 7730 - which is *much* stronger here, at night. WRMI never got 4980 up to full strength, so have they given up on it?
(Glenn Hauser, OK, WOR)

** U S A. 5085, UT Sun Jan 24 at 0144, WTWW-2 with 'TOUTA' underway, but thorgan music with usual distortion on SW and the computer not handy for hifi \$tereo webcast, so dispensed with this week (Glenn Hauser, OK, WOR)

** U S A. 9265, Tue Jan 26 at 2121, no signal from WINB, but gospel huxter going by 2208 recheck on the always-wobbly carrier. Usually starts earlier, but depends on airtime sales. New websked dated Jan 24 now shows starting at *2000 M-F, and on Tuesday:
``04:00P / Tue-2100...Bishop S. C. Johnson
06:30P / Tue-2330...The Essentials of Life and Wellness``
End-times of shows (nor of the World) are never specified, but assumed to run until the next one start; however that would make the Bishop show 2.5 hours long; so takes a break? (Glenn Hauser, OK, WOR)

** VATICAN [and non]. 11935, Jan 23 at 1556, HOA music at S6-S9, 1557 announcement mentioning e-mail, 1558 dead air with flutter past 1600 when there is a trace of modulation. HFCC shows Vatican Radio in Amharic via SMG, at 1600 switching to Swahili via MADAGASCAR. Radio Martí and jamming 11930 not a problem at first with USB tuning (Glenn Hauser, OK, WOR)

** VENEZUELA. 6200+RCUSB, Jan 25 at 0433 tune-in via Bonaire KiwiSDR, immediate ID as ``ROCV en 6200 kHz``, back to tropical music. SAM mode shows carrier frequency slightly fluxuating plus 4-6 Hz, S5-S7 (Glenn Hauser, OK, WOR)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search, Jan 24 at 0157-0204: 531, 576, 585, 612, 621, 639, 657(2), 684, 693, 711, 747, 774(2), 819, 837(2), 855, 882(2), 891, 909, 936(2), 1044, 1053, 1089, 1107(2), 1125, 1134, 1152(2), 1215, 1296(2), 1341, 1413, 1422, 1458, 1512, 1548(see KUWAIT), 1575 (Glenn Hauser, OK, WOR)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search, Jan 27 at 0322-0329: 531, 549, 558, 567, 576(2), 585, 612, 621(2), 639(2), 657, 684(2), 693, 711, 729(2), 747, 774(2), 801, 837, 855, 882, 891, 909, 936, 999(2), 1053, 1089, 1107, 1152, 1215 - and none higher, not even 1548 (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 2959.84, Jan 23 at 0212, JBA carrier, maybe trace of modulation, suspected off-frequency MW harmonic e.g. from 1480-, Latin American? I've searched old logs and can't find anything other than Mobile, Alabama, but which was not off-frequency. Now I also try several SDRs in LAm and USA, but nothing. Maybe just a local birdie but bears further checking, also other former harmonic spots, 2940v, 2860v (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 5750, Jan 24 at 0735, JBA carrier: best guess: a rare leapfrog mixing product of WRMI 5950 over 5850 another 100 kHz beyond, both with Brother HyStairical (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6885 & weaker 6810, Jan 22 at 0711, mystery open AM carriers find themselves here today; various other frequencies in the area elsewhen (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6948-AM, Jan 23 at 2304 and still 2324, S8-S9 of open carrier where usually is nothing. Pirate, or ute? (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 15879.7-USB, Jan 26 at 1503, JBA 2-way in Spanish; cambio (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 18000, Jan 27 at 1537, open carrier; maybe CUBA 3 x 6000? Only JBA carrier there probably Asian, nor on 2 x = 12000. By the time I'm shortly back on 18000, it's off.

BTW, 18 MHz hamband hopping with phone signals, but no time to weed out any inter/extra-continentals. There is intra sporadic E up to 70 MHz over eastern N America at least; in fact 92 MHz by 1757; FMDX?? (Glenn Hauser, OK, WOR)